## **SIEMENS**

Data sheet 3SB2207-0LC01



Illuminated pushbutton, 16 mm, round, plastic, red, pushbutton, raised, 1 NC Lampholder W2 x 4.6 d,

Figure similar

product designation Illuminated pushbuttons design of the product positions 3SB2  Enclosure number of command points 1 Actuator design of the actuating element Illuminated pushbutton principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element plastic shape of the actuating element plastic without actuating element plastic shape of the actuating element plastic without type of unlocking device without type of unlocking device without type of unlocking device without product extension point and product extension point front ring Yes design of the front ring Plastic shandard plastic plast	nunduat huand name	SIRIUS
design of the product product type designation  SSB2  Finclosure  number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element plastic shape of the actuating element shape of the actuating element plastic shape of the actuating element product extension optional light source plastic shape of the actuating element plastic shape of the actuating element plastic shape of the front product front front product component front ring product component front ring gesign of the front ring plastic color of the front ri	·	
product type designation 38B2  Enclosure number of command points 1  Actuator  design of the actuating element Illuminated pushbutton principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element red material of the actuating element plastic shape of the actuating element Raised pushbutton type of unlocking device without number of switching positions 2  Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring Plastic Contact block/ lampholder  Socket design W2 x 4.6d without lamp number of lampholders 1  number of switching elements 1  Contact block/ lampholder  Socket design Yes 4.6d without lamp number of switching elements 1  Contact locking elements 1  Contact block/ lampholder No positive opening Yes EMERGENCY STOP function No product function product function product general source No type of voltage of the operating voltage ACIDC protection class IP IP65 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 S Substance Prohibitance (Date) Operating voltage rated value 5 60 V	<u> </u>	
Enclosure  number of command points  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source octoor of the actuating element momentary contact type product extension optional light source material of the actuating element passed of the actuating element plastic shape of the actuating element pype of unlocking device number of switching positions  ground to switching positions  ground to switching positions  ground to find front ring product component front ring glastic color of the front ring plastic color of the front r		
number of command points 1  Actuator  design of the actuating element   Illuminated pushbutton   principle of operation of the actuating element   momentary contact type   product extension optional light source   Yes   color of the actuating element   red		3SB2
Actuator  design of the actuating element   Illuminated pushbutton   principle of operation of the actuating element   momentary contact type   product extension optional light source   Yes   color of the actuating element   red   material of the actuating element   plastic   shape of the actuating element   Raised pushbutton   type of unlocking device   without   number of switching positions   2   Pront ring   Yes   design of the front ring   Standard   material of the front ring   plastic   color of the front ring   plastic   color of the front ring   black   Holder   material of the holder   Plastic   Contact block/ lampholder   socket design   W2 x 4.64 without lamp   number of switching elements   1   Contact block/ lampholders   1   number of switching elements   1   Contact block/ lampholder   socket design   Yes   EMERGENCY STOP function   No   product component light source   No   type of voltage of the operating voltage   AC/DC   protection class IP   IP65   coperating frequency maximum   1 000 1/h   mechanical service life (operating cycles) typical   3 000 000   reference code according to IEC 81346-2   S   Substance Prohibitance (Date)   07/01/2006   coperating voltage rated value   5 60 V	Enclosure	
design of the actuating element   Illuminated pushbutton   principle of operation of the actuating element   momentary contact type   product extension optional light source   Yes   color of the actuating element   red   material of the actuating element   plastic   shape of the actuating element   Raised pushbutton   type of unlocking device   without	·	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element shape of the actuating element type of unlocking device number of switching positions product component front ring design of the front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic color of the front ring plastic color of the front ring black Holder  material of the holder  Contact block/ lampholder socket design number of switching elements 1 number of switching elements 1 ceneral technical data product component front on positive opening EMERGENCY STOP function No product component light source No type of voltage of the operating voltage protection class IP operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical operating voltage rated value  5 60 V	Actuator	
product extension optional light source color of the actuating element material of the actuating element type of unlocking device number of switching positions  2  Front ring product component front ring design of the front ring material of the holder color of the front ring black Holder material of the holder  Plastic  Contact block/ lampholder  socket design number of switching elements 1 number of switching elements 1 ceneral technical data product function  positive opening EMERGENCY STOP function No product component light source No type of voltage of the operating voltage protection class IP operating frequency maximum 1 000 1/h mechanical service (Pate) Operating voltage rated value  5 60 V	design of the actuating element	Illuminated pushbutton
color of the actuating element red material of the actuating element Raised pushbutton type of unlocking device without number of switching positions 2  Front ring product component front ring Yes design of the front ring plastic color of the front ring plastic color of the front ring black Holder material of the holder Plastic contact block/ lampholder socket design W2 x 4.6d without lamp number of lampholders 1 number of switching elements 1 Ceneral technical data product function Positive opening Yes EMERGENCY STOP function No product omponent light source No type of voltage of the operating voltage AC/DC protection class IP IP65 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical operating voltage rated value 5 60 V	principle of operation of the actuating element	momentary contact type
material of the actuating element shape of the actuating element Raised pushbutton type of unlocking device without number of switching positions 2  Front ring product component front ring design of the front ring material of the front ring standard material of the front ring black Holder material of the holder Plastic  Contact block/ lampholder socket design W2 x 4.6d without lamp number of lampholders 1 number of switching elements 1  Ceneral technical data product function • positive opening • EMERGENCY STOP function No type of voltage of the operating voltage protection class IP operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value	product extension optional light source	Yes
shape of the actuating element type of unlocking device unmber of switching positions 2  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  Contact block/ lampholders socket design unmber of lampholders 1  Ceneral technical data product function • positive opening • EMERGENCY STOP function type of voltage of the operating voltage poperating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date)  operating voltage rated value  5 60 V	color of the actuating element	red
type of unlocking device without number of switching positions 2  Front ring  product component front ring Yes  design of the front ring Standard  material of the front ring plastic  color of the front ring black  Holder  material of the holder Plastic   Contact block/ lampholder  socket design W2 x 4.6d without lamp  number of lampholders 1  number of switching elements 1   Ceneral technical data   product function Yes  e EMERGENCY STOP function No  product component light source No  type of voltage of the operating voltage AC/DC  protection class IP  operating frequency maximum 1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date) 07/01/2006  operating voltage rated value 5 60 V	material of the actuating element	plastic
number of switching positions  Front ring  product component front ring	shape of the actuating element	Raised pushbutton
product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  Contact block/ lampholder socket design NV2 x 4.6d without lamp number of lampholders 1 number of switching elements 1  General technical data product function • positive opening • EMERGENCY STOP function No product component light source No type of voltage of the operating voltage protection class IP operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value	type of unlocking device	without
product component front ring  design of the front ring  material of the front ring  plastic  color of the front ring  black  Holder  material of the holder  Plastic  Contact block/ lampholder  socket design  number of lampholders  1  number of switching elements  1  General technical data  product function  positive opening  EMERGENCY STOP function  No  product component light source  No  type of voltage of the operating voltage  protection class IP  poperating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  5 60 V	number of switching positions	2
design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  Contact block/ lampholder socket design number of lampholders 1 number of switching elements 1  General technical data product function • positive opening • EMERGENCY STOP function No product component light source type of voltage of the operating voltage protection class IP operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value  Standard plastic plastic plastic color of the front ring plastic plack  W2 x 4.6d without lamp  1	Front ring	
material of the front ring black  Holder  material of the holder Plastic  Contact block/ lampholder  socket design W2 x 4.6d without lamp number of lampholders 1 number of switching elements 1  General technical data  product function  • positive opening Yes  • EMERGENCY STOP function No product component light source No type of voltage of the operating voltage AC/DC protection class IP operating frequency maximum 1 000 1/h mechanical service (Ife (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 operating voltage rated value 5 60 V	product component front ring	Yes
color of the front ring black  Holder  material of the holder Plastic  Contact block/ lampholder  socket design W2 x 4.6d without lamp  number of lampholders 1  number of switching elements 1  General technical data  product function  • positive opening Yes  • EMERGENCY STOP function No  product component light source No  type of voltage of the operating voltage AC/DC  protection class IP  operating frequency maximum 1 000 1/h  mechanical service life (operating cycles) typical 3 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  operating voltage rated value 5 60 V	design of the front ring	Standard
material of the holder Plastic  Contact block/ lampholder  socket design W2 x 4.6d without lamp number of lampholders 1 number of switching elements 1  General technical data  product function	material of the front ring	plastic
material of the holder  Contact block/ lampholder  socket design  number of lampholders  1  number of switching elements  1  General technical data  product function  • positive opening  • EMERGENCY STOP function  product component light source  type of voltage of the operating voltage  protection class IP  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  Plastic  W2 x 4.6d without lamp  1 000  A C/DC  Pres  A C/DC  Pres  B C C C C C C C C C C C C C C C C C C	color of the front ring	black
Socket design  number of lampholders  number of switching elements  1  General technical data  product function  • positive opening  • EMERGENCY STOP function  No  product component light source  type of voltage of the operating voltage  protection class IP  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value	Holder	
socket design  number of lampholders  number of switching elements  1  General technical data  product function  • positive opening  • EMERGENCY STOP function  product component light source  type of voltage of the operating voltage  protection class IP  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  W2 x 4.6d without lamp  1  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/10  1000 1/	material of the holder	Plastic
number of lampholders  number of switching elements  1  General technical data  product function  • positive opening  • EMERGENCY STOP function  product component light source  No  type of voltage of the operating voltage  protection class IP  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  1  1  1  1  1  1  1  1  1  1  1  1  1	Contact block/ lampholder	
number of switching elements  General technical data  product function  • positive opening • EMERGENCY STOP function  product component light source  type of voltage of the operating voltage  protection class IP  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  1  1  1  1  1  1  1  1  1  1  1  1  1	socket design	W2 x 4.6d without lamp
product function	number of lampholders	1
product function	number of switching elements	1
<ul> <li>positive opening</li> <li>EMERGENCY STOP function</li> <li>No</li> <li>product component light source</li> <li>No</li> <li>type of voltage of the operating voltage</li> <li>AC/DC</li> <li>protection class IP</li> <li>IP65</li> <li>operating frequency maximum</li> <li>1 000 1/h</li> <li>mechanical service life (operating cycles) typical</li> <li>3 000 000</li> <li>reference code according to IEC 81346-2</li> <li>S</li> <li>Substance Prohibitance (Date)</li> <li>o7/01/2006</li> <li>operating voltage rated value</li> <li>5 60 V</li> </ul>	General technical data	
● EMERGENCY STOP function No product component light source No type of voltage of the operating voltage AC/DC protection class IP IP65 operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 3 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 operating voltage rated value 5 60 V	product function	
product component light source  type of voltage of the operating voltage  protection class IP  IP65  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  No  No  No  No  No  1000  IP65  S  OP/01/2006  OP/01/2006	<ul> <li>positive opening</li> </ul>	Yes
type of voltage of the operating voltage  AC/DC  protection class IP  IP65  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  AC/DC  IP65  S 000 1/h  3 000 000  reference code according to IEC 81346-2  S 07/01/2006  operating voltage rated value  5 60 V	EMERGENCY STOP function	No
protection class IP  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  operating voltage rated value  1 000 1/h  0 000  0 000  reference code according to IEC 81346-2  S  Substance Prohibitance (Date)  operating voltage rated value  5 60 V	product component light source	No
operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  3 000 000  reference code according to IEC 81346-2  Substance Prohibitance (Date)  07/01/2006  operating voltage rated value  5 60 V	type of voltage of the operating voltage	AC/DC
mechanical service life (operating cycles) typical 3 000 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  operating voltage rated value 5 60 V	protection class IP	IP65
reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006 operating voltage rated value 5 60 V	operating frequency maximum	1 000 1/h
Substance Prohibitance (Date) 07/01/2006 operating voltage rated value 5 60 V	mechanical service life (operating cycles) typical	3 000 000
operating voltage rated value 5 60 V	reference code according to IEC 81346-2	S
4, 4, 4, 9, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	Substance Prohibitance (Date)	07/01/2006
Auxiliary circuit	operating voltage rated value	5 60 V
	Auxiliary circuit	

number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
operational current at AC-12	
at 24 V rated value	10 A
at 60 V rated value	10 A
at 110 V rated value	10 A
at 230 V rated value	10 A
operational current at AC-15	
at 24 V rated value	4 A
at 110 V rated value	4 A
at 230 V rated value	4 A
operational current at DC-12	
at 24 V rated value	6 A
at 60 V rated value	5 A
at 110 V rated value	2.5 A
at 230 V rated value	1 A
operational current at DC-13	
at 24 V rated value	3 A
at 60 V rated value	1.2 A
at 110 V rated value	0.7 A
at 230 V rated value	0.3 A
Connections/ Terminals	
type of electrical connection	tab terminals
tightening torque of the screws in the bracket	0.4 N·m
Ambient conditions	
ambient temperature	
during operation	-25 +60 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3K6
Installation/ mounting/ dimensions	
fastening method	front plate mounting
shape of the installation opening	round
mounting diameter	16 mm
mounting height	12 mm
installation width	19 mm
installation depth	50 mm
Approvals Certificates	

**General Product Approval** 

**Declaration of Conformity** 













**Test Certificates** 

other

Special Test Certificate

Type Test Certificates/Test Report

Miscellaneous

Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10 Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2207-0LC01">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB2207-0LC01</a>

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2207-0LC01
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SB2207-0LC01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB2207-0LC01&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB2207-0LC01&lang=en</a>